

F rm PTO-1449
(Rev. 8-83)U.S. Department of Commerce
Patent and Trademark Office

Atty Docket 0756-2394

Serial No. Unassigned

INFORMATION DISCLOSURE STATEMENT

Applicants: Hongyong ZHANG et al.

Filing Date:

Group Art Unit:
Unassigned

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date (if appropriate)
<i>BU</i>	4,198,246	04/15/1980	Wu			
<i>BU</i>	4,331,485	05/25/1982	Gat			
<i>BU</i>	4,351,856	09/28/1982	Matsui et al.			
<i>BU</i>	4,394,191	07/19/1983	Wada et al.			
<i>BU</i>	4,482,395	11/13/1984	Hiramoto			
<i>BU</i>	4,536,251	08/20/1985	Chiang et al.			
<i>BU</i>	4,582,395	04/15/1986	Morozumi			
<i>BU</i>	4,654,959	04/07/1987	Takafuji et al.			
<i>BU</i>	4,727,044	02/23/1988	Yamazaki			
<i>BU</i>	4,741,601	05/03/1988	Saito			
<i>BU</i>	4,778,258	10/18/1988	Parks et al.			
<i>BU</i>	4,951,113	08/21/1990	Huang et al.			
<i>BU</i>	4,963,503	10/16/1990	Aoki et al.			
<i>BU</i>	5,032,531	07/16/1991	Tsutsui et al.			
<i>BU</i>	5,064,775	11/12/1991	Chang			
<i>BU</i>	5,112,764	05/12/1992	Mitra et al.			
<i>BU</i>	5,147,826	09/15/1992	Liu et al.			
<i>BU</i>	5,200,846	04/06/1993	Hiroki et al.			
<i>BU</i>	5,202,274	04/13/1993	Bae et al.			
<i>BU</i>	5,219,786	06/15/1993	Noguchi			
<i>BU</i>	5,231,039	07/27/1993	Sakono et al.			
<i>BU</i>	5,262,654	11/16/1993	Yamazaki			
<i>BU</i>	5,272,361	12/21/1993	Yamazaki			
<i>BU</i>	5,275,851	01/04/1994	Fonash et al.			
<i>BU</i>	5,278,093	01/11/1994	Yonehara			
<i>BU</i>	5,287,205	02/15/1994	Yamazaki et al.			
<i>BU</i>	5,289,030	02/22/1994	Yamazaki et al.			
<i>BU</i>	5,292,675	03/08/1994	Codama			
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<i>BU</i>	5,300,187	04/05/1994	Lesk et al.			

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3656/60
11/27/01

Examiner

BROOK Keki

Date Considered

July 2, 2003

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

F rm PTO-1449 (Rev. 8-83)		U.S. Department of Commerce Patent and Trademark Office		Atty Docket 0756-2394	Serial No. Unassigned	
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U.S. PATENT DOCUMENTS						
Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date (if appropriate)
BK	5,306,651	04/26/1994	Masumo et al.			
BK	5,308,998	05/03/1994	Yamazaki et al.			
BK	5,313,076	05/17/1994	Yamazaki et al.			
BK	5,316,960	05/31/1994	Watanabe et al.			
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BK	5,318,661	06/07/1994	Kumomi			
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BK	5,320,973	06/04/1994	Kobayashi			
BK	5,323,042	06/21/1994	Matsumoto			
BK	5,326,712	07/05/1994	Bae			
BK	5,341,012	08/23/1994	Misawa et al.			
BK	5,352,291	10/04/1994	Zhang et al.			
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BK	5,501,989	03/26/1996	Takayama et al.			
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BK	5,534,716	07/09/1996	Takemura			
BK	5,543,352	08/06/1996	Ohtani et al.			
BK	5,563,426	10/08/1996	Zhang et al.			
BK	5,569,610	10/29/1996	Zhang et al.			
Examiner <i>BROOK K. KEDD</i>			Date Considered <i>July 2, 2003</i>			
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U.S. PATENT DOCUMENTS							
Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date (if appropriate)	
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BK	5,637,515	06/10/1997	Takemura				
BK	5,639,698	06/17/1997	Yamazaki et al.				
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BK	5,677,240	10/14/1997	Murakami et al.				
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BK	5,696,386	12/09/1997	Yamazaki				
BK	5,696,388	12/09/1997	Funada et al.				
BK	5,700,333	12/23/1997	Yamazaki et al.				
Examiner <i>Brown Kibede</i>			Date Considered <i>July 2, 2003</i>				
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BK	5,712,191	01/27/1998	Nakajima et al.			
BK	5,756,364	05/26/1998	Tanaka et al.			
BK	5,804,471	09/08/1998	Yamazaki et al.			
BK	5,869,363	02/09/1999	Yamazaki et al.			
BK	5,888,857	03/30/1999	Zhang			
BK	5,888,858	03/30/1999	Yamazaki et al.			
BK	5,897,347	04/27/1999	Yamazaki et al.			
BK	5,985,740	11/16/1999	Yamazaki et al.			

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Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation Yes	No
BK	0 390 608	10/03/1990	EP			Full Eng	
BK	01-187814	07/27/1989	JP			Full Eng	
BK	01-212431	08/25/1989	JP			Eng Abst	
BK	01-270309	10/27/1989	JP			Eng Abst	
BK	02-033934	02/05/1990	JP			Eng Abst	
BK	02-094519	04/05/1990	JP			Eng Abst	
BK	02-140915	05/30/1990	JP			Full Eng	
BK	02-202028	08/10/1990	JP			Eng Abst	
BK	02-260524	10/23/1990	JP			Eng Abst	
BK	03-011618	01/18/1991	JP			Eng Abst	
BK	04-152624	05/26/1992	JP			Eng Abst	
BK	04-186734	07/03/1992	JP			Eng Abst	
BK	04-206836	07/28/1992	JP			Eng Abst	
BK	04-206837	07/28/1992	JP			Eng Abst	
BK	04-362616	12/15/1992	JP			Eng Abst	
BK	05-013442	01/22/1993	JP			Eng Abst	
BK	05-218428	08/27/1993	JP			Eng Abst	
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Brown Kehde

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FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
BK	2 171 844 A	09/03/1986	UK			Full Eng	
BK	44-015736	07/12/1969	JP			Eng Abst	
BK	45-022173	07/27/1970	JP				X
BK	58-040820	03/09/1983	JP			Eng Abst	
BK	58-052843	03/29/1983	JP			Eng Abst	
BK	60-105216	06/10/1985	JP			Eng Abst	
BK	60-154660	08/14/1985	JP			Full Eng	
BK	61-030023	02/12/1986	JP			Eng Abst	
BK	61-063017	04/01/1986	JP			Eng Abst	
BK	61-166528	10/16/1986	JP			Eng Abst	
BK	61-234027	10/18/1986	JP			Eng Abst	
BK	61-253855	11/11/1986	JP			Eng Abst	
BK	62-298151	12/25/1987	JP			Eng Abst	
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BK	63-283013	11/18/1988	JP			Eng Abst	

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BK	Liu et al., "Polycrystalline Silicon Thin Film Transistors on Corning 7059 Glass Substrates Using Short Time, Low-Temperature Processing", pp. 2554-2556, May 17, 1993, Appl. Phys. Lett. 62 (20)
BK	Hirano et al., "Low Temperature Activation Method of Poly-Si Films Using Rapid Thermal Annealing", pp. 119-126, 1997, Microelectronics Research Center, SANYO Electric Co., Ltd., SPIE Vol. 3014
BK	Kugimiya et al., "CW Laser Annealing of Polycrystalline Silicon on SiO ₂ and Effects of Successive Furnace Annealing", January 1992, pp. L19-L21, Jpn. J. Appl. Phys. Vol.21, No. 1
BK	Wolf et al., "Silicon Processing for the VLSI Era", 1986, pp. 176-177, Lattice Press, Vol. 1: Process Technology
BK	Thompson et al., "Silicide Formation in Pd-a-Si:H Schottky Barriers", pp. 274-276, August 1981, Appl Phys. Lett., Vol. 39, No. 3
BK	Nemanich et al., "Initial Phase Formation at the Interface of Ni, Pd, or Pt and Si", 1984, Mat. Res. Soc. Symp. Proc., Vol. 25
BK	Nemanich et al., "Structure and Growth of the Interface of Pd on a-SiH", pp. 6828-6831, June 15, 1981, The American Physical Society Physica Review, Vol. 22, No. 12

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OTHER DOCUMENT (Including Author, Title, Date, Pertinent Pages, Etc.)					
Examiner Initial					
BU	Hempel et al., "Needle-Like Crystallization of Ni Doped Amorphous Silicon Thin Films", pp. 921-924, 1993, Solid State Communications, Vol. 85, No. 11				
BU	Dvurechenskii et al., "Transport Phenomena in Amorphous Silicon Doped by Ion Implantation of 3d Metals", pp. 635-640, 1986, Akademikian Lavrentev Prospekt 13, 630090 Novosibirsk 90, USSR				
BA	Wolf et al., "Silicon Processing for the VLSI Era", pp. 308-309, 1986, VLSI, Vol. 1				
BU	Morozumi, "1985 International Display Research Conference, Active Matrix Addressed Liquid-Crystal Displays", pp. 9-13, 1985, IEEE, CH 2239-2/85/0000-0009				
BU	Kawachi et al., "Large-Area Doping Process for Fabrication of Poly-Si Thin Film Transistors Using Bucket Ion Source and XeCl Excimer Laser Annealing", pp. L2370-L2371, December 1990, Jpn J. Appl. Phys. 29(12) L2370				
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BU	Hayzelden et al., "In Situ Transmission Electron Microscopy Studies of Silicide-Mediated Crystallization of Amorphous Silicon", pp. 225-227, 1992, Appl Phys. Lett., 60(2)				
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(Rev. 8-83)U.S. Department of Commerce
Patent and Trademark Office

Atty Docket 0756-2394

Serial No. 09/993,492

INFORMATION DISCLOSURE STATEMENT

Applicants: Hongyong ZHANG et al.

Filing Date: November 27, 2001

Group Art Unit: 2823

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date (if appropriate)
BK	4,693,759	09/15/1987	Noguchi et al.			
BK	4,847,211	07/11/1989	Lee			

Examiner *Brown Kebab*Date Considered *July 2, 2003*

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01/17/2002

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Serial No. 09/993,492

INFORMATION DISCLOSURE STATEMENT

Applicants: Hongyong ZHANG et al.

Filing Date: November 27, 2001

Group Art Unit: 2823

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
BA	02-027320	01/30/1990	JP			Full Eng	
BA	02-228043	09/11/1990	JP			Eng Abst	
BA	63-056912	03/11/1988	JP			Eng Abst	

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